

We claim:

1. In combination

a firearm;

and an electromechanical locking apparatus for preventing the

unauthorized firing of said firearm;

said electromechanical locking apparatus including:

blocking means for blocking normal operation of said

firearm;

power supply means for supplying power;

and power control means for controlling the supply of power to said

blocking means from said power supply means to enable activation of

said blocking means to prevent operation of said firearm.

2. The combination according to claim 1 in which said power control means includes means for operatively connecting said power supply means to said blocking means to prevent operation of said firearm.

3. The combination according to claim 2 in which:

said operatively connecting means of said power control means

includes a keypad assembly;

and said keypad assembly includes:

selection buttons for enabling selection of a series of

numbers in sequence;

and at least one microprocessor responsive to correct selection of said selection buttons to electrically connect said power supply means to said blocking means.

4. The combination according to claim 3 in which:

said firearm includes a rotatable trigger;

and said blocking means includes:

a motor for activation by said power supply means;

a gear train driven by said motor when said motor is

activated from said power supply means;

and axial moving means connected to said gear train, said axial moving means includes means for preventing rotation of said trigger of said firearm.

5. The combination according to claim 4 in which:

said trigger of said firearm has at least one aperture;

and said preventing means of said axial moving means includes a

pin for disposition in said aperture in said trigger of said firearm when said axial moving means is activated to prevent rotation of said trigger of said firearm.

6. The combination according to claim 5 in which said trigger of said firearm has two apertures with one of said apertures receiving said pin when said trigger is in its cocked position and the other of said apertures receiving said pin when said trigger is in its uncocked position upon activation of said axial moving means.

7. The combination according to claim 5 in which said gear train has a threaded

output shaft of a sufficient length to axially move said pin.

8. The combination according to claim 5 in which said axial moving means includes:

a threaded box having a pin trapped therein;

and resilient means exerting tension on said pin from its
end closest to said gear train.

9. The combination according claim 1 in which:

said firearm includes a rotatable trigger;

and said blocking means includes

a motor for activation by said power supply means;

a gear train driven by said motor when said motor is

activated from said power supply means;

and axial moving means connected to said gear train, said axial

moving means includes means for preventing rotation of said trigger of
said firearm.

10. The combination according to claim 9 in which:

said trigger of said firearm has at least one aperture;

and said preventing means of said axial moving means includes a

pin for disposition in said aperture in said trigger of said firearm when said axial
moving means is activated to prevent rotation of said trigger of said firearm.

11. The combination according to claim 10 in which said trigger of said firearm has two
apertures with one of said apertures receiving said pin when said trigger is in its

cocked position and the other of said apertures receiving said pin when said trigger is in its uncocked position upon activation of said axial moving means.

12. The combination according to claim 10 in which said gear train has a threaded output shaft of a sufficient length to axially move said pin.

13. The combination according to claim 10 in which said axial moving means includes:

a threaded box having a pin trapped therein;

and resilient means exerting tension on said pin from its

end closest to said gear train.

14. The combination according to claim 1 in which said power supply means includes an expendable battery.

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